

Title (en)
VACUUM CLEANER

Title (de)
STAUBSAUGER

Title (fr)
ASPIRATEUR

Publication
EP 3727116 A1 20201028 (EN)

Application
EP 18815325 A 20181203

Priority
• GB 201721489 A 20171220
• GB 2018053497 W 20181203

Abstract (en)
[origin: US2019183306A1] A vacuum cleaner includes a suction nozzle for drawing dirty air into the vacuum cleaner and an exhaust for expelling cleaned air out of the vacuum cleaner; and an air flow passage extending from the suction nozzle to the exhaust through a dirt separator. The vacuum cleaner further includes a vacuum motor arranged to draw a flow of air through the vacuum cleaner from the suction nozzle to the exhaust, the vacuum motor comprising an electric motor and an impeller which rotates about a motor axis. The vacuum cleaner further includes an electronic visual display configured to display information relating to the vacuum cleaner. The vacuum motor is housed inside a motor bucket which is positioned in the flow passage, and the electronic visual display is mounted to the motor bucket and supported thereby.

IPC 8 full level
A47L 5/24 (2006.01); **A47L 5/28** (2006.01)

CPC (source: CN EP GB KR US)
A47L 5/12 (2013.01 - CN); **A47L 5/24** (2013.01 - CN EP GB KR US); **A47L 5/28** (2013.01 - EP KR US); **A47L 9/00** (2013.01 - CN); **A47L 9/127** (2013.01 - US); **A47L 9/22** (2013.01 - GB); **A47L 9/28** (2013.01 - CN); **A47L 9/2857** (2013.01 - CN GB KR US); **A47L 9/32** (2013.01 - US); **A47L 9/322** (2013.01 - GB KR)

Citation (search report)
See references of WO 2019122811A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
US 11116375 B2 20210914; US 2019183306 A1 20190620; AU 2018390368 A1 20200611; CN 109984669 A 20190709; CN 109984669 B 20210824; CN 109998415 A 20190712; CN 117562434 A 20240220; EP 3727116 A1 20201028; EP 3727116 B1 20211027; EP 3727117 A1 20201028; GB 201721489 D0 20180131; GB 201818286 D0 20181226; GB 2569591 A 20190626; GB 2569591 B 20200715; GB 2569870 A 20190703; GB 2569870 B 20201021; GB 2569870 C 20210224; JP 2019111335 A 20190711; JP 2019136490 A 20190822; JP 6785830 B2 20201118; JP 7113734 B2 20220805; KR 102606580 B1 20231129; KR 102606590 B1 20231129; KR 20200099187 A 20200821; KR 20200099188 A 20200821; KR 20220156113 A 20221124; KR 20220156114 A 20221124; SG 11202004247U A 20200729; TW 201936110 A 20190916; US 11103116 B2 20210831; US 2019183305 A1 20190620; WO 2019122811 A1 20190627; WO 2019122812 A1 20190627

DOCDB simple family (application)
US 201816225187 A 20181219; AU 2018390368 A 20181203; CN 201811563527 A 20181220; CN 201811563538 A 20181220; CN 202311575788 A 20181220; EP 18815325 A 20181203; EP 18819336 A 20181203; GB 201721489 A 20171220; GB 2018053497 W 20181203; GB 2018053499 W 20181203; GB 201818286 A 20181109; JP 2018237240 A 20181219; JP 2018237241 A 20181219; KR 20207021093 A 20181203; KR 20207021094 A 20181203; KR 20227039761 A 20181203; KR 20227039762 A 20181203; SG 11202004247U A 20181203; TW 107145617 A 20181218; US 201816225151 A 20181219